

1

ABSTRACT

2 A method of driving a 3-electrode plasma display apparatus including a 3-electrode plasma
3 display panel, a video processor, a controller, an address driver, an X-driver, a Y-driver, and a
4 power recovery circuit is provided. In the 3-electrode plasma display panel, X-electrode lines and
5 Y-electrode lines are alternately arranged in parallel on the rear surface of a front transparent
6 substrate so as to form XY-electrode line pairs, and address electrode lines are arranged on the
7 front surface of a rear transparent substrate to cross the XY-electrode line pairs. The intersections
8 between the XY-electrode line pairs and the address electrode lines define display cells. The
9 power recovery circuit is included in the address driver. The power recovery circuit collects
10 charges unnecessarily remaining in the display cells at the end of application of the display data
11 signals and applies the collected charges to the display cells at the start of application of the
12 display data signals. The operation or non-operation of the power recovery circuit is controlled
13 in accordance with the display data signals applied to the address electrode lines.